

ABSTRACT OF THE DISCLOSURE

An optoelectronic device for detecting marks having defined contrast patterns includes a transmitter for emitting transmitted light beams having a wavelength λ in a range of $350 \text{ nm} \leq \lambda \leq 450 \text{ nm}$. A transmission lens is located downstream of the transmitter. A receiver is provided for receiving received light beams and generating reception signals corresponding to the received light beams. A receiving lens is located upstream of the receiver and has an area A_C of less than or equal to 5 cm^2 . A guiding mechanism guides the transmitted light beams at the marks and the reflected light beams from the marks as received light beams to the receiver. An evaluation unit is coupled to an output of the receiver for evaluating the reception signals.

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